

<b>Search Notes</b>	<b>Application/Control No.</b>	<b>Applicant(s)/Patent Under Reexamination</b>
	10583420	GOTO, YOSHIHIRO
	<b>Examiner</b>	<b>Art Unit</b>
	Jason Heidemann	2624

### SEARCHED

<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
382	128-134,154	5/14/2009	/PO/
128	922	5/14/2009	/PO/
600	410,520	5/14/2009	/PO/

### SEARCH NOTES

<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
EAST Inventor search	5/14/2009	/PO/
PLUS Search	5/14/2009	/PO/
EAST search history included	5/14/2009	/PO/
East keyword search focusing on Organ measurement, Ultrasound, Ellipse approximation, Region extraction, Boundary estimation, Heart, Ventricle, Cardiac, Stratified layers, Inner/outer layers, contours and synonyms can be found in EAST search history	5/14/2009	/PO/
Google Scholar search focusing on "Boundary estimation for ultrasonic images" ellipse, interlocked ellipse, shape approximation by "overlapping ellipses"	5/14/2009	/PO/
East keyword search focusing on Ellipse approximation, Region extraction, Boundary estimation, Image vectorization, can be found in EAST search history	03/18/2010	/JEH/
Google, Bing, and IEEE search focusing on ellipse and shape approximation by "overlapping ellipses"	03/18/2010	/JEH/
Updated East search with keyword focusing on enlarging, expanding, reducing, shrinking a contour, and extracting a region between two contours, see attached EAST search history	9/8/2010	/JEH/
Google, Bing, and IEEE search focusing on region extraction ellipse and shape approximation by "overlapping ellipses" see attached Google Search	9/8/2010	/JEH/

### INTERFERENCE SEARCH

<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>

/Jason Heidemann/  
Examiner.Art Unit 2624

9/8/2010